

## DIAGRAM 30: Patent Claims Summary



 SIMBRIDGE PATENT

Primary Patent Claim

Method and system for device-native  
enterprise messaging automation

(a) OS-level SMS interception  
using BroadcastReceiver (priority 999)

(b) Encrypted HTTPS transmission  
without SMS gateway

(c) Hybrid retrieval  
BM25 + Semantic + MMR + 3-tier cache

(d) LLM response generation  
with guardrails & business rules

(e) Direct device SMS transmission  
via Android API

Dependent Claims

Color-code business logic  
Google Sheets RGB parsing

Multi-tier caching  
L1 → L2 → L3 adaptive TTL

Hybrid retrieval accuracy  
94% vs 78% single method

Guardrails system







